RSAC™ 2025 Conference

Many Voices.
One Community.

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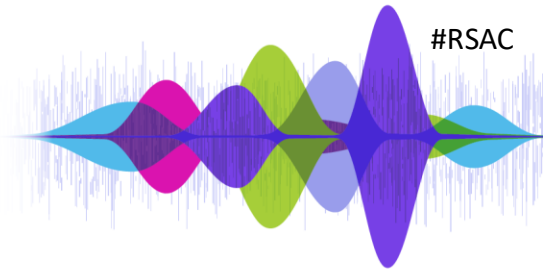

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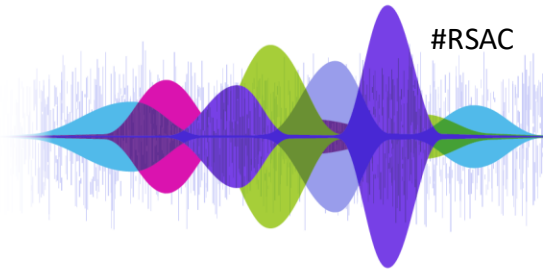
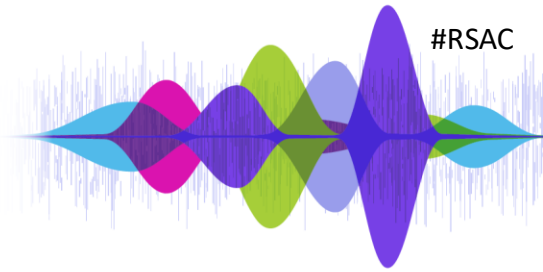
What are we doing here today?



- We are going to merge very technical cybersecurity techniques with AI.
  - First by using AI to teach us how to perform these techniques effectively.
  - Second by having AI assist us in interpreting some of the vast amounts of data we may get back during our investigation.
  - Third by exploring using AI to automate some tasks that we have now learned

How will we do it?



- Provided online lab environment.
- Guided completely by Keatron for 1st half.
- CTF type challenge for second half (Keatron will provide walkthrough at the end).
- Students will be doing hands-on exercises using incident response tools and AI tools.
- Environment is isolated and secure.

What we will be using

- Zeek
- Volatility
- Nmap
- Metasploit
- Python
- Ruby
- ChatGPT and Claude

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Let's get started!

Learn smarter and faster

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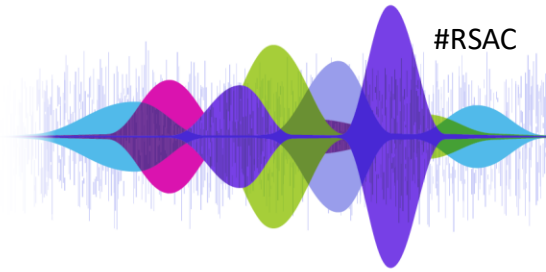
How we will learn together

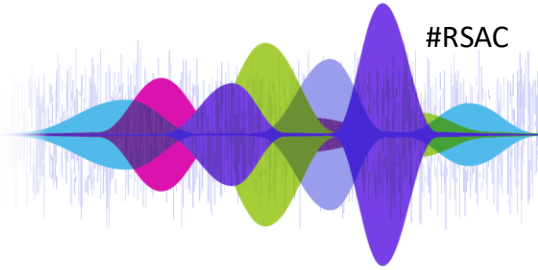


I will facilitate, teach, and inspire

You will participate, comment and ask questions

You will be able to use these skills immediately to improve your AI and Cyber posture

Actions you can take after this session



- 1 Immediately you can continue to practice these techniques and share it with others in your organization to practice as well.
- 2 – Within 3 months you should be able to implement an AI based approach to learning cybersecurity and applying it.
- 3 – Within a year your organization should have a measurably better posture.

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